# PHILOSOPHY

## (A) Major core Courses

| Sl.No. | Sem | Type Of Course | Name of Course | Credits | Marks |
|---|---|---|---|---|---|
| 1 | I | MJC-1 | Deductive logic | 6 | 100 |
| 2 | II | MJC-2 | Scientific Method | 6 | 100 |
| 3 | III | MJC-3 | Indian Philosophy | 5 | 100 |
| 4 | III | MJC-4 | Indian Ethics | 4 | 100 |
| 5 | IV | MJC-5 | Western Philosophy | 5 | 100 |
| 6 | IV | MJC-6 | Western Ethics | 5 | 100 |
| 7 | IV | MJC-7 | Basic Concepts of Philosophy | 5 | 100 |
| 8 | V | MJC-8 | Philosophy of Religion | 5 | 100 |
| 9 | V | MJC-9 | Social and Cultural Philosophy | 5 | 100 |
| 10 | VI | MJC-10 | Political Philosophy | 4 | 100 |
| 11 | VI | MJC-11 | Contemporary Indian Philosophy | 5 | 100 |
| 12 | VI | MJC-12 | Trends of Yogic-Philosophy | 5 | 100 |
| 13 | VII | MJC-13 | Schools of Buddhism | 5 | 100 |
| 14 | VII | MJC-14 | Research Methodology | 5 | 100 |
| 15 | VII | MJC-15 | Contemporary Western Philosophy. | 6 | 100 |
| 16 | VIII | MJC-16 | Indian Logic and Indian Epistemology | 4 | 100 |
| | | | Sub Total= | 80 | |

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## PHILOSOPHY ,SEMESTER – I
### MJC-1 : DEDUCTIVE LOGIC

**Objectives: After the completion of the course, the students will be able to:**

1. Develop the ability of logical aptitude and reasoning in resolving the various issues and to ascertain the truth of life.
2. Get rid of Superstitions,dogmas and illusions.
3. Develop understanding related to right belief, faith and reality in socio-religious realm of life.
4. Remove the ambiguity and vagueness of language and reach the clarity of thought and vision.
5. Develop potentiality towards logical argumentation.

| MJC-1 : DEDUCTIVE LOGIC (Theory: 6 credits) | | |
|---|---|---|
| **Unit** | **Topics to be covered** | **No. of Hours** |
| 1 | 1. Subject-Matter and Branches of Logic<br>2. Nature and classification of Term, Proposition and Argument<br>3. Truth and Validity. | 10 |
| 2 | 1. Symbolisation of Propositions.<br>2. A. Statement and statement forms<br>B. Argument and argument forms.<br>3. Test of Truth and Validity through truth table. | 10 |
| 3 | 1. Classification of Categorical Propositions according to Quality and Quantity<br>2. Distribution of Terms and Square of opposition<br>3. Immediate Inference : Conversion and Obversion | 10 |
| 4 | 1. Categorical Syllogism<br>2. Syllogistic Rules and Fallacies | 15 |
| 5. | 1. Bullean Interpretation of Propositions: Venn Diagram Technique of Testing the Validity of Syllogism | 15 |
| | **TOTAL** | 60 |

**Outcome: To attain error-free knowledge.**

**Reading List :**


1. Copi, I.M. *Introduction to Logic,* New Delhi: Pearson, 2014, 2017.
2. Copi, I.M. *Introduction to Symbolic Logic*
3. Cohen, Morris and Ernst Nagel, *An Introduction to Logic and ScientificMethod,* Delhi, Allied Publishers, 1968.
4. Gangadutta Jha, Nigaman Tarkashastra, Students Friends,1988.
5. Ashok Kumar Verma, Nigaman Tarkashastra, Motilal Banarsidas, Patna
6. Basson And O'connor, Introduction To Symbolic Logic.
7. Dr Kedarnath Tiwari- Tarkshastra Parichaya(An introduction to logic)
8. Prof Ashok kumar verma, Pratikatmak Tarkshastra.
9. B.N.Roy, Text Book of Deductive Logic.


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# PHILOSOPHY
## Semester-2
## MJC-2 : Scientific Method

**Objectives: After the completion of the course, the students will be able to:**

1 Differentiate between scientific and popular ways of reasoning.
2 Enhance the reasoning skills and develop grounds for rejecting the wrong arguments.
3 Evolve grounds for the elimination of superstitious beliefs and to formulate ways for strong arguments.

| MJC-2 : Scientific Method (Theory: 6 credits) | | |
|---|---|---|
| **Unit** | **Topics to be covered** | **No. of Hours** |
| 1 | 1. Nature and Scope of Scientific Method<br>2. Postulates of Induction.<br>3. Explanations : Scientific and Unscientific | 15 |
| 2. | 1. Analogy<br>2. Mill's Experimental Methods. | 10 |
| 3. | 1. Nature and scope of hypothesis in scientific method<br>2. Classification of hypothesis<br>3. Conditions of hypothesis<br>4. Proofs of hypothesis | 15 |
| 4. | Statistical Methods:<br>1. Nature and need of Statistical Methods<br>2. General Method:<br>A. Collection of data.<br>B. Tabulation of data.<br>C. Average-Mean,Median,Mode and Deviation.<br>D. Correlation.<br>3. Personal Equation.<br>4. Probable errors in Statistical Methods. | 20 |
| | **TOTAL** | 60 |

**Outcome: To attain objectivity and highest probability of truth in knowledge.**

**Reading List :**


1. Cohen, Morris and Ernst Nagel, *An Introduction to Logic and ScientificMethod,* Delhi, Allied Publishers, 1968. Tr. Purnchandra Jain, Tarkshastra and Vaigyanik Pranali(Vol.I,II,III) Madhya Pradesh Hindi Granth Akadamy.
2. Copi, Irving M., Carl Cohen and Kenneth McMahon, *Introduction to Logic,*
3. Delhi, Pearson, 2016.
4. Gangadutta Jha, Agaman Tarkshastra,Student's Friends,1996
5. Ashok Kumar Verma, Agaman Tarkshastra,Motilal Banarsidas, Patna.
6. Dr Kedarnath Tiwari, Tarkshastra Evam Vaigyanik Paddhati.
7. B.N.Roy, Text Book of Inductive Logic.


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# PHILOSOPHY

## (B)Minor Courses to be offered by the Department for students of other Departments of Humanities

| Sl.No. | Sem | Type Of Course | Name of Course | Credits | Marks |
|---|---|---|---|---|---|
| 1 | I | MIC-1 | Deductive logic | 3 | 100 |
| 2 | II | MIC-2 | Scientific Method | 3 | 100 |
| 3 | III | MIC-3 | Indian Philosophy | 3 | 100 |
| 4 | IV | MIC-4 | Indian Ethics | 3 | 100 |
| 5 | V | MIC-5 | Western Philosophy | 3 | 100 |
| 6 | V | MIC-6 | Western Ethics | 3 | 100 |
| 7 | VI | MIC-7 | Basic Concepts of Philosophy | 3 | 100 |
| 8 | VI | MIC-8 | Philosophy of Religion | 3 | 100 |
| 9 | VII | MIC-9 | Social and Cultural Philosophy | 4 | 100 |
| 10 | VIII | MIC-10 | Political Philosophy | 4 | 100 |
| | | | Sub Total= | 32 | |

Note: The Department may reduce the syllabus of the Minor Courses as per the credit distribution. The Department concerned may also decide practical courses.

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## SEMESTER – I

## MIC-1 : DEDUCTIVE LOGIC

**Objectives: After the completion of the course, the students will be able to:**

1. Develop the ability of logical aptitude and reasoning in resolving the various issues and to ascertain the truth in life.
2. Get rid of Superstitions,dogmas and illusions.
3. Develop understanding related to right belief, faith and reality in socio-religious realm of life.
4. Remove the ambiguity and vagueness of language and to reach the clarity of thought and vision.
5. Develop potentiality towards logical argumentation.

| MIC-1 : DEDUCTIVE LOGIC (Theory: 3 credits) | | |
|---|---|---|
| **Unit** | **Topics to be covered** | **No. of Hours** |
| 1 | 1. Subject-Matter and Branches of Logic<br>2. Nature and classification of Term, Proposition and Argument<br>3. Truth and Validity. | 10 |
| 2. | 1. Classification of Categorical Propositions according to Quality and Quantity<br>2. Distribution of Terms and Square of opposition<br>3. Immediate Inference : Conversion and Obversion | 10 |
| 3. | 1. Categorical Syllogism<br>2. Syllogistic Rules and Fallacies | 10 |
| | **TOTAL** | 30 |

**Outcome: To attain error-free knowledge.**

**Reading List :**


1. Copi, I.M. *Introduction to Logic,* New Delhi: Pearson, 2014, 2017.
2. Copi, I.M. *Introduction to Symbolic Logic*
3. Cohen, Morris and Ernst Nagel, *An Introduction to Logic and ScientificMethod,* Delhi, Allied Publishers, 1968.
4. Gangadutta Jha, Nigaman Tarka Shastra, Students Friends,1988.
5. Ashok Kumar Verma, Nigaman Tarka Shastra, Motilal Banarsidas, Patna
6. Basson And O'connor, Introduction To Symbolic Logic.
7. Dr Kedarnath Tiwari- Tarkshastra Parichaya(An introduction to logic)
8. Prof Ashok kumar verma, Pratikatmak Tarkshastra.
9. B.N.Roy, Text Book of Deductive Logic.


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# Semester-2

## MIC-2 : Scientific Method

**Objectives: After the completion of the course, the students will be able to:**

1 Differentiate between scientific and popular ways of reasoning.
2 Enhance the reasoning skills and develop grounds for rejecting the wrong arguments.
3 Evolve grounds for the elimination of superstitious beliefs and to formulate ways for strong arguments.

| MIC-2 : Scientific Method (Theory: 3 credits) | | |
|---|---|---|
| **Unit** | **Topics to be covered** | **No. of Hours** |
| 1 | 1. Nature and Scope of Scientific Method<br>2. Postulates of Induction.<br>3. Explanations : Scientific and Unscientific | 10 |
| 2. | 1. Analogy<br>2. Mill's Experimental Methods. | 10 |
| 3. | 1. Nature and scope of hypothesis in scientific method<br>2. Classification of hypothesis<br>3. Conditions of hypothesis<br>4. Proofs of hypothesis | 10 |
| | **TOTAL** | 30 |

**Outcome: To attain objectivity and highest probability of truth in knowledge.**

**Reading List :**


1. Cohen, Morris and Ernst Nagel, *An Introduction to Logic and ScientificMethod,* Delhi, Allied Publishers, 1968. Tr. Purnchandra Jain, Tarkshastra and Vaigyanik Pranali(Vol.I,II,III) Madhya Pradesh Hindi Granth Akadamy.
2. Copi, Irving M., Carl Cohen and Kenneth McMahon, *Introduction to Logic,* Delhi, Pearson, 2016.
3. Gangadutta Jha, Agaman Tarkshastra,Student's Friends,1996
4. Ashok Kumar Verma, Agaman Tarkshastra,Motilal Banarsidas, Patna.
5. Dr Kedarnath Tiwari, Tarkshastra Evam Vaigyanik Paddhati.
6. B.N.Roy, Text Book of Inductive Logic.


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## PHILOSOPHY
## FOUR YEAR DEGREE COURSE

**Question Pattern** **Total Marks - 100**

1. **CIA Examination by the Department - 30 marks**
2. **University Examination: -70 marks**

**Part-A**

**Ten Compulsory Multiple Choice/Objective Questions – each carrying two marks =10 x 2 =20 marks**

**Part- B**

**Short answer type questions**
**Four questions to be answered out of six– each carrying Five Marks= 04 x 05 =20 marks**

**Part- C**

**Long answer type questions**
**Three questions to be answered out of five– each carrying Ten Marks = 03 x 10 =30 marks**

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